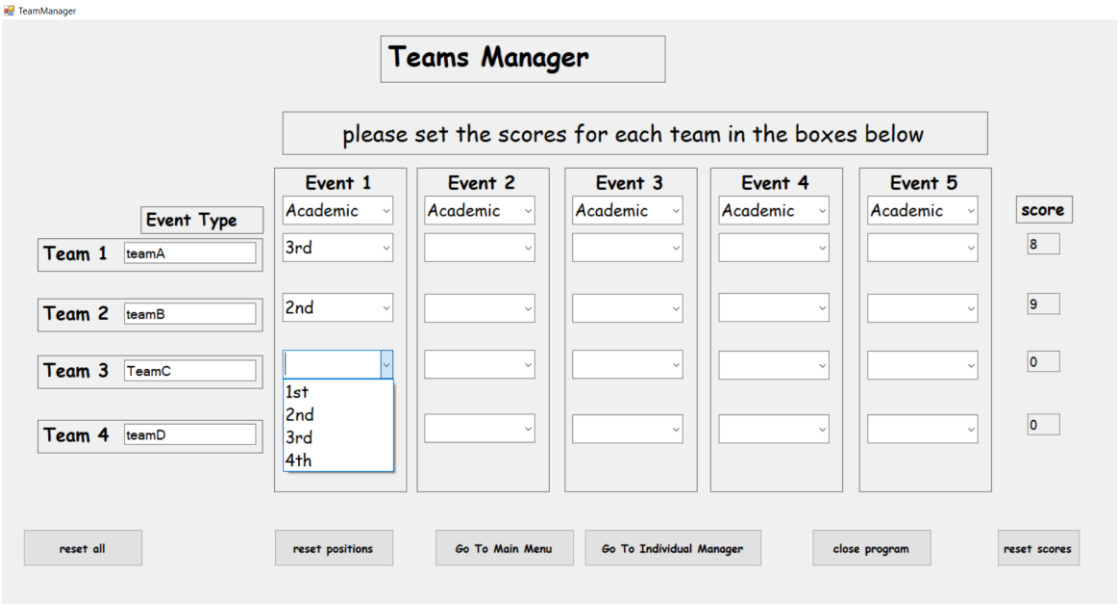
Sample Program Code and Screenshot – VB.NET Event Driven Solution

Included are a screenshot and function example of the running program. You will have full access to the entire codebase and technical documentation after purchase.

Sample Screenshot

Here is a screenshot of the form which deals with the input for the teams. This clearly shows the drop downs for the different event types as well as where a team finishes within the event. You can clearly see the scores box being modified with different scores.



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Sample Code – VB.NET Event Driven Solution

The following code is a fragment of the entire available code for the solution, all fully commented to aid understanding. This function is the code for putting the correct score in the correct textbox.

```
''' <summary>
    ''' function that works out the score based on the event type and
position
    ''' and saves the value into the team text box
    ''' </summary>
    ''' <param name="eventType">the even value from the drop down - is
either "academic" or "sporting"</param>
    ''' <param name="displayPosition">the string value from the position
drop down .. 1st 2nd etc</param>
    ''' <param name="target">the text box we want to write the scores
to</param>
    Public Sub ProcessScores(individualOrTeam As String, eventType As
String, displayPosition As String, target As TextBox)
        'some local variables needed
        Dim eventScore As Integer
        Dim actualScore As Integer
        Dim position As Integer
        Dim currentSCore As Integer

        'we need to find out if this function is being called from the
Individual or the Team form.
        If individualOrTeam = "Individual" Then
            'get the event type and the score awarded
            If eventType = "Academic" Then
                eventScore = MainMenu.individualAcademicScore
            Else
                eventScore = MainMenu.individualSportScore
            End If
            'it's the team...
        Else
            'get the event type and the score awarded
            If eventType = "Academic" Then
                eventScore = MainMenu.teamAcademicScore
            Else
                eventScore = MainMenu.teamSportScore
            End If
        End If


        'get the position by calling the convert function
        position = ConvertSelectedPositionToANumber(displayPosition)

        'get the actual score, by taking 1 off the position and subtracting
it from the actual score.
        'so if you finish first, you get all 10 points
        'if you finish second you get 9, and so on....
        actualScore = eventScore - (position - 1)

        'update the scores box
        If target.Text = "" Then
            target.Text = currentSCore
        Else
```

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```
            'work out the current score
            currentSCore = Convert.ToInt32(target.Text)

            'add the value to the current score
            currentSCore = currentSCore + actualScore

            'update the current score
            target.Text = currentSCore
        End If

    End Sub
```

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